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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/929,666	08/14/2001	Richard W. Anderson	28341/00287A	9424
4743 75	90 04/16/2004		EXAM	INER
MARSHALL,	GERSTEIN & BORUN	KIM, VICKIE Y		
6300 SEARS TOWER 233 S. WACKER DRIVE CHICAGO, IL 60606			ART UNIT	PAPER NUMBER
			1614	
			DATE MAILED: 04/16/200-	4

Please find below and/or attached an Office communication concerning this application or proceeding.

<i>^</i>	Application No.	Applicant(s)	
Suplemental Notice of Allowability	09/929,666	ANDERSON ET AL.	
Notice of Allowability	Examiner	Art Unit	
	Vickie Kim	1614	
The MAILING DATE of this communication app All claims being allowable, PROSECUTION ON THE MERITS Is herewith (or previously mailed), a Notice of Allowance (PTOL-85 NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT I of the Office or upon petition by the applicant. See 37 CFR 1.31	pears on the cover sheet will be (OR REMAINS) CLOSED in 5) or other appropriate commits (RIGHTS). This application is self-and MPEP 1308.	n this application. If not included unication will be mailed in due course. <b>THIS</b>	
1. This communication is responsive to <u>telephonic conversa</u>	tion(interview) on 4/5/04.		
2.  The allowed claim(s) is/are <u>1,3,4 and 13-21</u> .			
3. $\square$ The drawings filed on $\_\_\_$ are accepted by the Examin	er.		
4. Acknowledgment is made of a claim for foreign priority of a) All b) Some* c) None of the:  1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have 1. Copies of the certified copies of the priority documents have 1. Certified copies of the certified copies of the priority documents have 1. Certified copies of the certified copies of the priority documents have 1. Certified copies not received:  Applicant has THREE MONTHS FROM THE "MAILING DATE"	ve been received. ve been received in Applicatio ocuments have been receive	on No  d in this national stage application from the	
noted below. Failure to timely comply will result in ABANDON THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.  5. A SUBSTITUTE OATH OR DECLARATION must be subj	MENT of this application.		
INFORMAL PATENT APPLICATION (PTO-152) which gi			
6. $\square$ CORRECTED DRAWINGS ( as "replacement sheets") mu	ust be submitted.		
(a) $\square$ including changes required by the Notice of Draftspe	•	v ( PTO-948) attached	
1) 🗌 hereto or 2) 🔲 to Paper No./Mail Date	_·		
<ul><li>(b)  including changes required by the attached Examine Paper No./Mail Date</li></ul>	r's Amendment / Comment or	in the Office action of	
Identifying indicia such as the application number (see 37 CFR each sheet. Replacement sheet(s) should be labeled as such in	1.84(c)) should be written on the header according to 37 CF	ne drawings in the front (not the back) of R 1.121(d).	
7. DEPOSIT OF and/or INFORMATION about the dep attached Examiner's comment regarding REQUIREMENT			
Attachment(s) 1. ☐ Notice of References Cited (PTO-892)	5. ☐ Notice of In	formal Patent Application (PTO-152)	
2.  Notice of Draftperson's Patent Drawing Review (PTO-948)		ummary (PTO-413),	
Information Disclosure Statements (PTO-1449 or PTO/SB. Paper No./Mail Date		Mail Date <u>4/14/03</u> . Amendment/Comment	
4. ☐ Examiner's Comment Regarding Requirement for Deposit	8. 🗌 Examiner's	Statement of Recent for Allowance	
of Biological Material	9. 🗌 Other	PRIMARY SYNAINER	
		Vickie Kim Primary Examiner Art Unit: 1614	

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## **Supplemental Examiner's Amendment**

1. Acknowledgement is made of applicant's request to correct the inadvertent typographical errors made in previous office action(see communication mailed 3/25/04). The applicant's request is verified and considered to be reasonable. The terms(i.e. hydroxy in line 15, C=S in line 17 and "or" in line 20) in question were missing when the claim 1 is copied from original claim 1. The missing terms should be reinstated without question the validity of patentability of the claims and the patentability should be maintained as valid.

- 2. This supplemental office action is supercedes any office action previously issued.
- 3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Patel, Sandip on 3/10/04.

- 4. The application has been amended as follows:
  - a. Replace the claim 1 with newer amended version as following:
  - --- Claim 1 (currently amended): A method of treating or suppressing the symptoms of addictive disorders selected from the group consisting of alcohol addiction, tobacco addiction, nicotine addiction, and intoxication and inhalation disorders associated with alcohol, tobacco and nicotine addiction, said method

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comprising the step of administering to a patient in need of treatment a therapeutically effective, nontoxic amount of an active agent wherein the active agent is a heterocyclic amine of the formula:

or a pharmaceutically acceptable salt thereof, wherein:

 $R^1$ ,  $R^2$  and  $R^3$  are each independtly hydrogen,  $C_{1-6}$  alkyl,  $C_{3-5}$  alkenyl,  $C_{3-5}$  alkynyl,  $C_{3-7}$  cycloalkyl,  $C_{4-10}$  cycloalkyl- or phenyl- substituted  $C_{1-6}$  alkyl, or  $R^1$  and  $R^2$  are joined to form a  $C_{3-7}$  cyclic amine which can contain additional heteroatoms and/or unsaturation;

n is 0 or 1;

X is hydrogen, C<sub>1-6</sub> alkyl, halogen, hydroxy, alkoxy, cyano, carboxamide, carboxyl, or carboalkoxyl;

A is CH, CH<sub>2</sub>, CH-halogen, CHCH<sub>3</sub>, C=O, C=S, C-SCH<sub>3</sub>, C=NH, C-NH<sub>2</sub>, C-NHCH<sub>3</sub>, C-NHCOOCH<sub>3</sub>, C-NHCN, SO<sub>2</sub>, or N;

B is CH<sub>2</sub>, CH, CH-halogen, C=O, N, NH, N-CH<sub>3</sub>, or O;

D is CH<sub>2</sub>, CH, CH-halogen, C=O, O, N, NH, or N-CH<sub>3</sub>; and pharmaceutically acceptable derivatives or salts of said active agent. ---

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b. In claim 17, lines 2-3, delete the phrase [selected from the group consisting of a heterocyclic amine, a phenylazacycloalkane, and a cabergoline] right before "administered".

c. In claim 18, lines 2-3, delete the phrase [selected from the group consisting of a heterocyclic amine, a phenylazacycloalkane, and a cabergoline] right before "administered".

## Conclusion

- 5. All the pending claims are allowed.
- 6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Vickie Kim whose telephone number is 571-272-0579(fax: 571-273-0579). The examiner can normally be reached on Tuesday-Friday. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Marianne Seidel can be reached on 571-272-0584. The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9306 for regular communications and 703-746-3165 for After Final communications. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 571-272-1600.

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VICKIE KIM PRIMARY EXAMINER

> Vickie Kim April 13, 2004 Art unit 1614